

Title (en)
COATED GLASS OR GLASS CERAMIC ARTICLE

Title (de)
BESCHICHTETER GLAS- ODER GLASKERAMIKARTIKEL

Title (fr)
ARTICLE EN VITROCERAMIQUE OU EN VERRE REVETU

Publication
EP 3210948 B1 20191204 (DE)

Application
EP 17157565 A 20170223

Priority

- DE 102016103524 A 20160229
- DE 102016116262 A 20160831

Abstract (en)
[origin: US2017247289A1] A method is provided for producing a glass or glass ceramic article that includes: providing a sheet-like glass or glass ceramic substrate having two opposite faces, which in the visible spectral range from 380 nm to 780 nm exhibits light transmittance of at least 1% for visible light that passes from one face to the opposite face; providing an opaque coating on one face where the coating exhibits light transmittance of not more than 5% in the visible spectral range from 380 nm to 780 nm; and directing a pulsed laser beam onto the opaque coating and locally removing the coating by ablation down to the surface of the glass or glass ceramic article, repeatedly at different locations, thereby producing a pattern of a multitude of openings defining a perforated area in the opaque coating, so that the opaque coating becomes semi-transparent in the area.

IPC 8 full level
C03C 17/00 (2006.01); **B23K 26/00** (2014.01); **B41M 5/26** (2006.01); **B44C 1/00** (2006.01); **B44D 5/00** (2006.01)

CPC (source: EP US)
B23K 26/0006 (2013.01 - EP US); **B23K 26/0624** (2015.10 - EP US); **B23K 26/082** (2015.10 - EP US); **B23K 26/0853** (2013.01 - EP US); **B23K 26/18** (2013.01 - EP US); **B23K 26/355** (2018.07 - EP US); **B23K 26/361** (2015.10 - EP US); **B23K 26/57** (2015.10 - EP US); **B23K 26/60** (2015.10 - EP US); **B23K 26/702** (2015.10 - EP US); **C03C 1/04** (2013.01 - US); **C03C 4/02** (2013.01 - US); **C03C 10/00** (2013.01 - US); **C03C 17/002** (2013.01 - EP US); **C03C 17/25** (2013.01 - US); **F21V 3/00** (2013.01 - US); **G02B 6/001** (2013.01 - US); **H05B 3/74** (2013.01 - US); **B23K 2101/35** (2018.07 - EP US); **B23K 2103/54** (2018.07 - EP US); **B41M 5/24** (2013.01 - EP US); **C03C 2204/04** (2013.01 - US); **C03C 2217/485** (2013.01 - US); **C03C 2217/72** (2013.01 - EP US); **C03C 2218/113** (2013.01 - US); **C03C 2218/328** (2013.01 - EP US); **F21W 2131/30** (2013.01 - US); **F21Y 2115/10** (2016.07 - US); **F21Y 2115/30** (2016.07 - US)

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